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The Committee on the Celebration was authorized to make distribution of copies of the centenary proceedings.

On motion of Prof. Bache, the communication, entitled "On two Storms which occurred in February 1842, by Elias Loomis, of Western Reserve College, Ohio," read before the Society on the 26th of May, was referred to a Committee, consisting of Prof. Frazer, Prof. Bache, and Dr. Emerson.

The communications, entitled "On the Instruments of the Astronomical Observatory of the U. S. Military Academy, West Point," and "the Observations made upon the Comet of Feb. 1843," by Prof. W. H. C. Bartlett of the U. S. Military Academy, read 30th May, were referred to a Committee, consisting of Mr. Walker, Prof. Bache, and Prof. Kendall.

On motion of Mr. Lea, the communication, entitled "Description of some new Fossil Shells, from the Tertiary of Petersburg, Va.," by Henry C. Lea, Esq., read 30th May, was referred to a Committee, consisting of Prof. Booth, Mr. T. R. Peale, and Dr. Hays. Mr. Lea had permission to publish an abstract of his communication in anticipation of the Transactions.

Stated Meeting, Oct. 6.

Present, twenty-eight members.

Mr. DU PONCEAU, President, in the Chair.

Mr. John Downes, a member elect, was presented, and took his seat.

Letters were received:—

From Hon. A. P. Upshur, Secretary of State, dated Oct. 1, 1843, transmitting eighteen volumes of public documents:—

From the Secretary of the Academy of Sciences of Turin, transmitting donations to the Library:—

From the Secretary of the Zoological Society, dated London, Dec. 2, 1842;—and from the Secretary of the Zoological Society of London, dated June 27, 1843, acknowledging the receipt of the Transactions and Proceedings of this Society:—

From James Reynolds, Esq. dated London, July, 1843, relating to the Oriental translation fund.

The following donations were announced:—

FOR THE LIBRARY.

Senate Journal, 2d Session, 27th Congress, 1841–42. 8vo. House Journal, 2d Session, 27th Congress, 1841–42. 8vo. Reports of Committees, 2d Session, 27th Congress, 1841–42. 5 Vols. 8vo. Senate Documents, 2d Session, 27th Congress, 1841–42. 5 Vols. 8vo. Executive Documents, 2d Session, 27th Congress, 1841–42. 6 Vols. 8vo.—*From the Hon. A. P. Upshur, Secretary of State.*

Report of the Twelfth Meeting of the British Association for the Advancement of Science, held at Manchester, in June, 1842. London, 1843. 8vo.—*From the British Association.*

Address to the Royal Geographical Society of London; delivered at the Anniversary Meeting on the 22d of May, 1843. By W. R. Hamilton, Esq. F. R. S., President. London, 1843. 8vo.—*From the Society.*

Society for the Encouragement of Arts, Manufactures and Commerce. Premiums for the Sessions, 1843–44, 1844–45.—*From the Society.*

Proceedings of the Royal Astronomical Society of London. Vol. V. No. 32. June, 1843. 8vo.—*From the Society.*

Proceedings of the Geological Society of London. Index to Vol. III. Vol. IV. Part 1. No. 92. 8vo.—*From the Society.*

List of the Geological Society of London, 1843. 8vo.—*From the same.*

Proceedings of the Zoological Society of London. Part X. 1842. 8vo.—*From the Society.*

Reports of the Council and Auditors of the Zoological Society of London, read at the Annual General Meeting, April 29, 1843. 8vo.—*From the same.*

Annales des Mines. Quatrième Série. Tome II. VIe Livraison de 1842, Novembre, Décembre. 8vo.—*From the Engineers of Mines, Paris.*

Memorie della Reale Accademia delle Scienze di Torino. Serie Seconda. Tomo II. III. IV., 1840–41–42. 4to.—*From the Academy.*

Catalogus Senatus Academici, et omnium alicujus gradus laurea ex-

- ornatorum, in Collegio Dartmuthensi, Hanoveræ, in Republica Neo-Hantonensi. 1843. 8vo.—*From the Northern Academy of Arts and Sciences.*
- The African Repository and Colonial Journal, September, 1843. 8vo.—*From the American Colonization Society.*
- A Catalogue of the Library of Brown University, in Providence, Rhode Island. With an Index of the Subjects. Providence, 1843. 8vo.—*From the Rev. Dr. Wayland.*
- The Medical News and Library. Vol. I. No. 10. 1843. 8vo.—*From Lea & Blanchard.*
- The American Journal of the Medical Sciences. No. 12. New Series. October, 1843. 8vo.—*From Dr. Hays.*
- The Zoologist: an Illustrated Monthly Magazine of Natural History, and Journal for recording Facts and Anecdotes relating to Quadrupeds, Birds, Reptiles, Fishes, &c. &c. Edward Newman, Esq. F.L.S., F.Z.S., Editor. John Van Voorst, Publisher. London, 1843. 8vo. Nos. 1 to 8, inclusive.—*From the Editor.*
- Osservazioni Geologiche sui Terreni delle Formazioni Terziaria e Cretacea in Piemonte. Si Angelo Sismonda, Prof. di Mineralogia. Extracted from the 5th Vol. 2d Series, of the Memoirs of the Royal Academy of Sciences of Turin.—*From the Author.*
- Fisica de' Corpi Ponderabili ossia Trattato della Costituzione Generale de' Corpi, del Cavaliere Amedeo Avogadro. Tomo III. 1840. Tomo IV. 1841. Torino. 8vo.—*From the Author.*
- Jahrbucher der Literatur. Januar, Dezember, 1842. Nos. 97 to 100, inclusive. Wien, 1842. 8vo.—*From Baron Von Hammer Purgstall.*
- Beitrag zur Auflösung der Höheren Gleichungen, von Dr. Anton Vallus. Wien, 1843. 8vo.—*From the Author.*
- Progress of the United States in Population and Wealth in Fifty Years, as exhibited by the Decennial Census. By George Tucker. New York, 1843. 8vo.—*From the Author.*
- Report of the Proceedings of an Indian Council at Cattaraugus, in the State of New York, held Sixth Month, 1843. Baltimore, 1843. 8vo.—*From George M. Justice.*

ADDITIONS TO THE LIBRARY BY PURCHASE.

- Astronomische Nachrichten. No. 482. July 22, 1843. 4to.
- Annales de Chimie et de Physique. Troisième Série. Tome VIII. Mai, 1843. 8vo.

FOR THE CABINET.

A large Seal for the Society's foreign correspondence.—*From Messrs. Gobrecht and Franklin Peale.*

A Plate of Engravings of Coins, by Mr. Asa Spencer, made by the Ruling Machine.—*From Dr. Hays.*

Mr. Kane, Reporter, laid upon the table the closing number of the 2d volume of the Proceedings of the Society, and the 3d volume, containing the Proceedings of the Centenary Meeting.

The Committee, to whom Mr. Lea's paper was referred at the last meeting, reported in favour of its publication in the Transactions: and the publication was ordered accordingly.

On motion of Prof. Bache, the communication, entitled "On Hippuric Acid," by Prof. Booth and Mr. Boyé, read on the 29th of May, was referred to a Committee consisting of Prof. Frazer, Prof. Bache, and Dr. Hare:—and

The communication, entitled "On the Physical Phenomena attending Solar Eclipses," by Prof. Stephen Alexander, of Princeton, read on the 29th of May, was referred to a Committee consisting of Mr. Walker, Professor Bache, and Mr. Downes.

Dr. Ludlow, from the Committee appointed on the 16th June, 1843, on the subject of a report of the Society's doings during the past century, reported at length, and presented certain resolutions.

The first resolution from the Committee was adopted as follows:—*Resolved*, That it is expedient to have prepared a report of the scientific labours, during the past century, of the American members of the Society.

The consideration of the 2d, 3d, and 4th resolutions, prescribing the manner in which the report should be prepared, was postponed to the next meeting, and—

The Society adjourned to meet on the 13th instant.